

ABSTRACT

A device for purifying the exhaust gas of an internal combustion engine is disclosed. The device includes a particulate filter arranged in the exhaust system, which carries a catalyst for absorbing and reducing NO_x . The catalyst absorbs NO_x when the air-fuel ratio in the surrounding atmosphere thereof is lean and releases the absorbed NO_x to purify NO_x by reduction when the air-fuel ratio is stoichiometric or rich. The device further includes a catalytic apparatus for purifying NO_x arranged in the exhaust system upstream of the particulate filter, which has an oxidation function.